A solar system to empower Daurawa village, Nigeria

Project duration: 7 months

Photo: CREACC-NG

In 2024, EKOenergy granted €59.000 from its Climate Fund to the Centre for Renewable Energy and Action on Climate Change (CREACC-NG) for their solar-powered community project in Daurawa, Tudun Wada Local Government Area, Kano State, Nigeria.

CREACC-NG is a Nigerian non-profit organisation with robust experience setting up climate change awareness campaigns and installing solar systems to reduce rural poverty. EKOenergy previously funded solar projects set up by CREACC-NG in 2021, 2022 and 2023.

In 2024, EKOenergy granted them €59,000 to bring solar power to Daurawa, a hard-to-reach off-grid village in Kano State. People in Daurawa lived off-grid and fetched their water from nearby contaminated rivers where both humans and animals drink.

With our support, CREACC installed an 8.0 kW solar array, including 220Ah batteries for energy storage. The local community was actively involved in the entire project life cycle, contributing to project design, planning, and implementation.

The system now produces power for multiple purposes. One of its primary functions is the powering of a water pump. During the pump fills the newly installed 40,000-liter overhead tank, ensuring a reliable supply of clean water for humans and animals. It also provides water to a tree nursery.

The installation also powers eight local shops, One of which functions as a charging place for mobile phones and lanterns.

Last but not least, it also supplies energy to a newly built healthcare facility, the village's first healthcare center in over a century. Thanks to the solar power, the health center is lighted and accessible at night and can use all kinds of electric devices. This significantly improves the community's access to healthcare services.

The project's impact is evident in the significant improvements to living conditions, effectively mitigating health crises, improving hygiene, providing access to clean water, and bringing sustainable electricity to this previously underserved community.

Additionally, the project partners also constructed an eco-friendly toilet to enhance sanitation and reduce the risk of environmental pollution.

The project supported the achievement of several Sustainable Development Goals, such as SDG 1: No poverty, SDG 3: Good health and well-being, SDG 6: Clean water and sanitation, and SDG 7: Affordable and clean energy.

We thank CREACC-NG and their local partners for the careful implementation of this impactful project! Thanks also to all sellers and users of EKOenergy-labelled energy worldwide. Projects like this wouldn't be possible without you.

EKOenergy's Climate Fund

- Focus on energy poverty and multiple Sustainable Development Goals
- New projects annually in low- and middle-income countries
- Projects run and monitored by trusted NGOs
- Selected through a transparent process
- In 2024, EKOenergy approved grants for 23 new projects
- All EKOenergy users contribute 0.10 € / MWh to the Climate Fund

EKOenergy - the global ecolabel for renewable energy

EKOenergy is the global ecolabel for energy (electricity, gas, heat and cold). We are a non-profit initiative working to fight climate change, protect biodiversity and realise the Sustainable Development Goals.

Energy with the EKOenergy ecolabel fulfils additional sustainability criteria. Through our ecolabel we also raise money for our Climate Fund, which is used to finance new renewable energy projects in low- and middle-income countries.

EKOenergy's network of authorised sellers makes EKOenergy-labelled energy easily available in over 80 countries worldwide. Many consumers of EKOenergy-labelled energy choose to use our ecolabel on their website or products to demonstrate their commitment to a 100% renewable and sustainable world.

EKOenergy users include large international businesses such as Microsoft, SAP, Pampers, Mercedes-Benz, SCHOTT and the Iliad Group, as well as cities, public organisations and individual households.

Sustainability criteria: additional value for our planet

	EKOenergy	Other renewable energy	Grid mix
Recommended by environmental organisations	✓	?	-
Extra criteria to minimise the impact of energy production on nature. For example, hydropower installations with fish passes and wind turbines outside important bird areas	✓	?	-
Renewable energy tracked by EACs, such as GOs and I-RECs (In line with Greenhouse Gas Protocol Scope 2 Guidance)	✓	✓	-
Contributes to renewable energy projects in developing countries, advancing the realisation of multiple Sustainable Development Goals	✓	-	-
Available and recognised worldwide	✓	-	-
Supports the promotion of a transition to renewable energy worldwide	✓	-	-

Endorsed by global standards

EKOenergy is recommended by many international environmental standards such as CDP, the Greenhouse Gas Protocol, Greenkey for hotels and LEED-certification for buildings.

"A growing number of hotels in Europe have already switched to EKOenergy and include the EKOenergy logo in their communication with their guests. Follow their lead and go the extra mile."

Green Key

"Ecolabels are a way for companies to do more with their purchases. EKOenergy, mentioned by the GHG Protocol Scope 2 Guidance, is such an option: it is a mark of quality which comes on top of tracking certificates."

CDP

"EKOenergy represents the best available option for the sustainable and additional consumption of renewable electricity within Europe."

U.S. Green Building Council LEED USGBC

EKOenergy

info@ekoenergy.org | www.ekoenergy.org